5. TEST POINT DATA

Component Side (1-1)
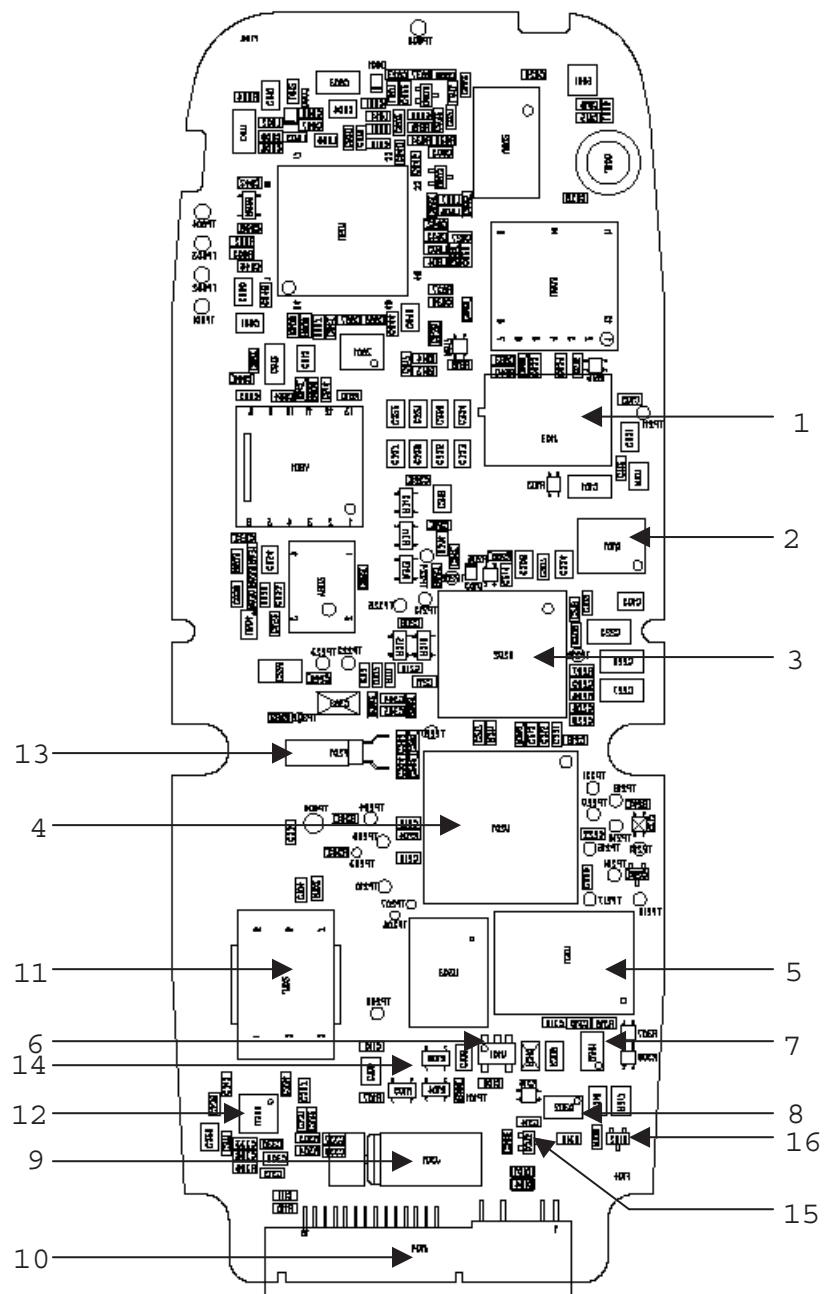
5. TEST POINT DATA

|	Location	Component Side (1-1)
1	J103	Battery connector : For damage or cold soldering cause power on failure
2	Q101	P-channel MOSFET with schottky diode : For damage or cold soldering cause charger function failure
3	U202	Nausica_CS : analog baseband chipset (ABB)
4	U201	Hercrom20 : digital baseband chipset (DBB)
5	U301	16Mbit flash ROM : For damage or cold soldering cause power on failure
6	U101	3V, 200mA LDO regulator : For damage or cold soldering cause accessory power failure.
7	Q301	Isolated dual transistors : For damage or cold soldering Q301A cause vibration motor Failure, Q301B cause keypad back-light failure
8	Q302	Isolated dual transistors : For damage or cold soldering Q302A cause pre-charger indication failure, Q302B cause the LCD back-light failure
9	J301	Vibration motor : For damage or bad connection cause vibrator failure.
10	J104	System connector : For damage or cold soldering cause headset failure, trace/debug /SW download failure
11	J102	SIM connector : For damage or bad connection cause SIM card failure.
12	U302	Audio amplifier : For damage cause speaker function failure.
13	Y201	32.768kHz crystal : For damage cause RTC function failure.
14	R104 R105 R109	8P4R resistor network : For damage or cold soldering cause trace/debug /SW download failure
15	D313	Switching diode array : For damage or cold soldering cause the surge noise by Vibrator
16	D102	Switching diode array : For damage or cold soldering cause the flash fast program function failure

Component Side (1-2)
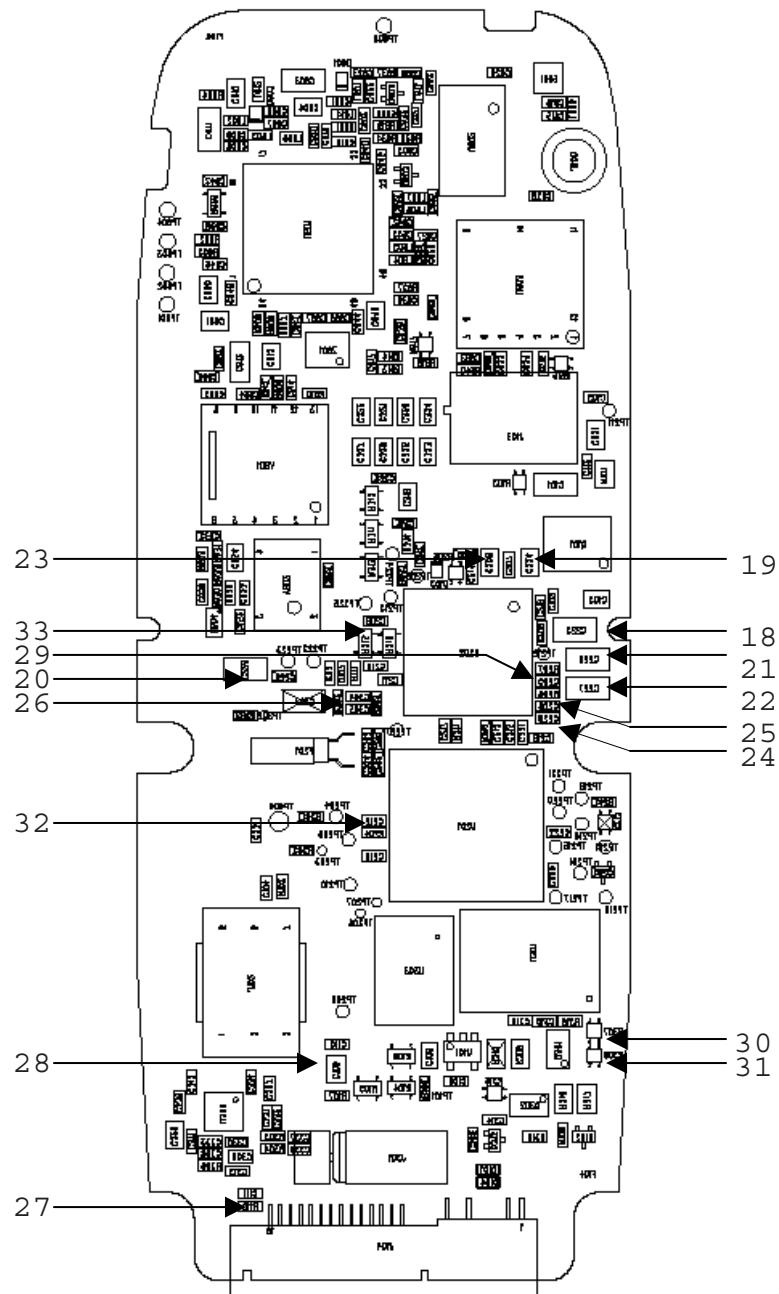
5. TEST POINT DATA

	Location	Component Side (1-2)
18	C223	VR2B regulator (2.85V) : For damage or cold soldering cause power supply for DBB & ABB peripheral failure.
19	C224	VR1B regulator (2V) : For damage or cold soldering cause power supply for ABB internal logic failure
20	C225	VR3 regulator (2.85V) : For damage or cold soldering cause power supply for ABB analog circuits failure
21	C226	VR2 regulator (2.9V) : For damage or cold soldering cause power supply for Memory device failure.
22	C227	VR1 regulator (1.8V) : For damage or cold soldering cause power supply for DBB Core & RTC failure
23	C207 C208	SIM regulator (3V/5V) : For damage or cold soldering cause power supply for SIM Interface failure
24	C206	VREF output (1.2V) : For damage or cold soldering cause power supply for power on failure
25	R208	IBIAS output : For damage or cold soldering cause power supply for Power on failure
26	R301 C304 C305	Microphone Input : For damage or cold soldering cause microphone failure
27	R110 C107	Ext. audio Input : For damage or cold soldering cause external audio input failure
28	C106 R107	Ext. audio output : For damage or cold soldering cause external audio output failure
29	R207 C205	ABB local Osc. generator : For damage or cold soldering cause ABB local Osc. failure
30	R307A R308A	Vibrator control : For damage or cold soldering cause vibrator failure
31	R307A R308A	Back-light control : For damage or cold soldering cause all back-light LED failure
32	R204	SIM card power control : For damage or cold soldering cause SIM card power control failure.
33	R210 R215 C209 C210	Uplink & downlink I/Q Filtering : For damage or cold soldering cause uplink or downlink I/Q signal failure.

Keypad Side (2-1)
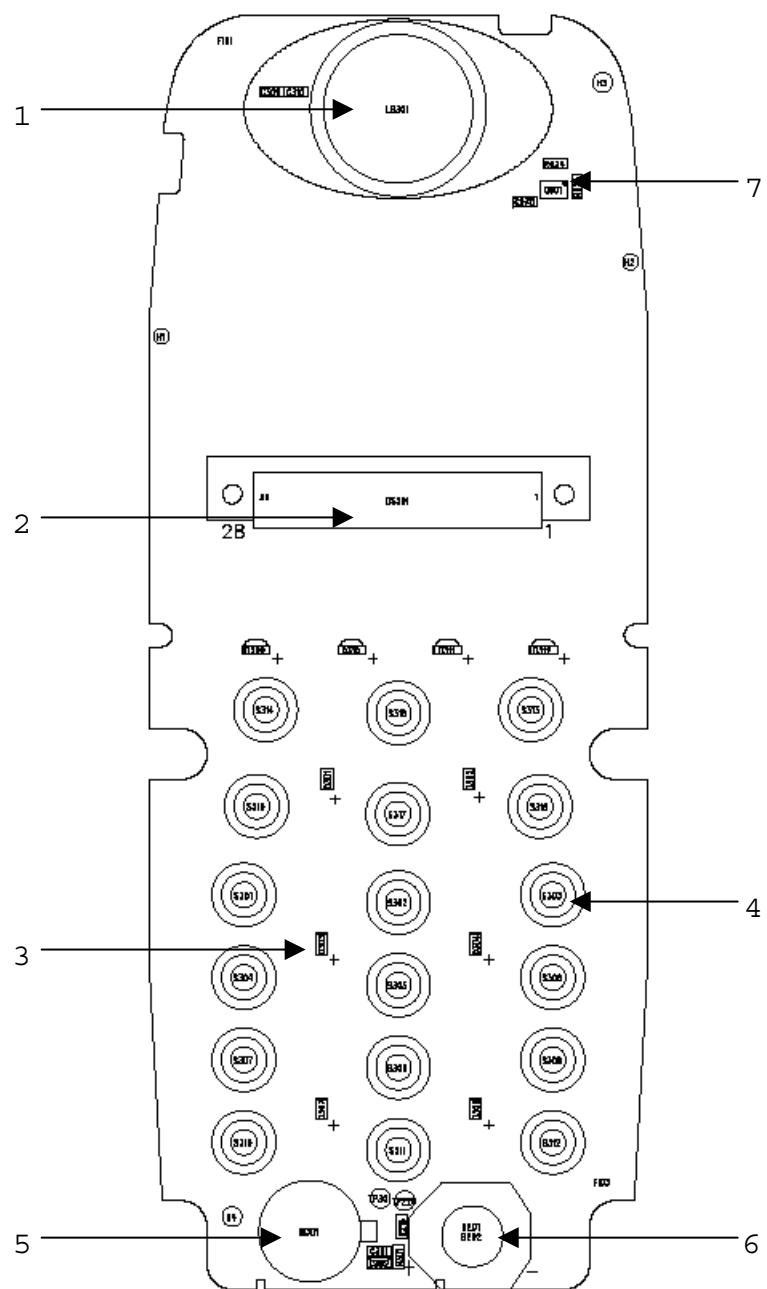
5. TEST POINT DATA

	Location	Keypad Side (2-1)
1	LS301	Speaker : For bad connection cause speaker failure
2	DS301	LCM Connector : For damage or cold soldering cause LCD Display failure
3	D301~ D312	Back-Light LED : For damage or cold soldering cause back-light LED failure
4	S301~ S317	Keypad Switches : For damage or shirt circuit cause keypad function failure
5	M301	Microphone holder : For damage or cold soldering cause microphone failure
6	B201	Batter holder : For damage or cold soldering cause RTC function failure
7	Q601	T/R Switch transistor : For damage or cold soldering cause T/R Switch function failure